

OPINION 2203 (Case 3343)***Gigantopecten* Rovereto, 1899 and *Lissochlamys* Sacco, 1897 (Mollusca, Bivalvia, PECTINIDAE): names conserved**

Abstract. The Commission has conserved the generic names *Gigantopecten* Rovereto, 1899 and *Lissochlamys* Sacco, 1897 for two genera of common Neogene pectinid bivalves by declaring that the names *Macrochlamis* Sacco, 1897 and *Lissochlamis* Sacco, 1897 are incorrect original spellings of *Macrochlamys* and *Lissochlamys*, respectively.

Keywords. Nomenclature; taxonomy; Mollusca; Bivalvia; PECTINIDAE; *Macrochlamys*; *Macrochlamis*; *Lissochlamys*; *Lissochlamis*; *Gigantopecten*; *Gigantopecten latissimus*; *Lissochlamys excisa*; Cenozoic; Neogene; Europe.

Ruling

- (1) Under the plenary power it is hereby ruled that:
 - (a) *Macrochlamis* Sacco, 1897 is an incorrect original spelling of *Macrochlamys*;
 - (b) *Lissochlamis* Sacco, 1897 is an incorrect original spelling of *Lissochlamys*.
- (2) The following names are hereby placed on the Official List of Generic Names in Zoology:
 - (a) *Gigantopecten* Rovereto, 1899 (gender: masculine), type species *Ostrea latissima* Brocchi, 1814 by original designation for the replaced generic name *Macrochlamys* Sacco, 1897;
 - (b) *Lissochlamys* Sacco, 1897 (gender: feminine), type species by original designation *Pecten excisus* Bronn, 1831.
- (3) The following names are hereby placed on the Official List of Specific Names in Zoology:
 - (a) *latissima* Brocchi, 1814, as published in the binomen *Ostrea latissima* (specific name of the type species of *Gigantopecten* Rovereto, 1899, the replacement name of *Macrochlamys* Sacco, 1897);
 - (b) *excisus* Bronn, 1831, as published in the binomen *Pecten excisus* (specific name of the type species of *Lissochlamys* Sacco, 1897).
- (4) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
 - (a) *Macrochlamis* Sacco, 1897 (an incorrect original spelling of *Macrochlamys* as ruled in (1)(a) above);
 - (b) *Lissochlamis* Sacco, 1897 (an incorrect original spelling of *Lissochlamys* as ruled in (1)(b) above);
 - (c) *Macrochlamys* Sacco, 1897 (a junior homonym of *Macrochlamys* Gray, 1847);
 - (d) *Grandipecten* Cossmann, 1914 (an unnecessary replacement name for *Macrochlamys* Sacco, 1897).

History of Case 3343

An application to conserve the generic names *Gigantopecten* Rovereto, 1899 and *Lissochlamys* Sacco, 1897 was received from Thomas R. Waller (*National Museum of Natural History, Smithsonian Institution, Washington, D.C. U.S.A.*) and Madeleine Bongrain (*Arudy, France*) on 20 March 2005. After correspondence the case was published in BZN 63(2): 155–162 (June 2006). The title, abstract and keywords of the case were published on the Commission's website. Bouchet submitted a comment suggesting a different approach and an alternative set of proposals which was published in BZN 64(2): 118–119. The second set of proposals received minor editorial modifications before presentation to the Commission for voting.

Decision of the Commission

On 1 January 2008 the members of the Commission were invited to vote on the proposals published in BZN 63: 157 and 64: 118 (modified proposals). At the close of the voting period on 1 March 2008 the votes were as follows:

Proposals published in BZN 63: 157:

Affirmative votes – 2: van Tol and Zhang.

Negative votes – 17: Alonso-Zarazaga, Bogutskaya, Bouchet, Brothers, Fautin, Grygier, Halliday, Kottelat, Krell, Kullander, Lamas, Mawatari, Ng, Pape, Patterson, Rosenberg and Štys.

No votes were received from Lim. Papp abstained. Kerzhner, Minelli and Pyle were on leave of absence.

Proposals published in BZN 64: 118 (modified):

Affirmative votes – 14: Alonso-Zarazaga, Bouchet, Brothers, Fautin, Halliday, Kottelat, Kullander, Lamas, Mawatari, Ng, Papp, Patterson, Rosenberg and Štys.

Negative votes – 6: Bogutskaya, Grygier, Krell, Pape, van Tol and Zhang.

No votes were received from Lim. Kerzhner, Minelli and Pyle were on leave of absence.

Alonso-Zarazaga pointed out that it is possible that the potentially valid name MACROCHLAMISINAE Kasum-Zade, 2003 is formed on *Macrochlamis*, an incorrect original spelling of *Macrochlamys* Sacco, 1897. According to Article 35.4.1 this should then be corrected to MACROCHLAMYDINAE Kasum-Zade, 2003, since the stem of *chlamys* is *chlamyd-*. Grygier commented that the matters concerning the two genera *Gigantopecten* and *Lissochlamys* are independent of each other and should have been voted on separately. He felt that the urgency for conserving *Lissochlamys* is much less than that for conserving *Gigantopecten* based on the much smaller number of recent references cited with respect to the former matter and the fact that only the two spellings (not two completely different names) are at stake. In light of Bouchet's comment about *-chlamys* being a common genus-name ending for scallops, he would have also liked to know whether there are any other genus names ending in '*-chlamis*' enjoying prevailing usage in other groups. Grygier adds that the main reason for his negative vote on the first set of proposals was the more comprehensive nature of the alternative set of proposals. However, there too, conservation of *Lissochlamys* appeared to Grygier to be more a matter of 'curatorial routine' than a matter of demonstrated urgency. In addition, he felt that the alternative set of proposals should have clarified that the date of publication, 1897, pertains to the 1897a paper cited in the original proposal. Since the voting paper calls for a single vote on all the issues

involved, Grygier somewhat reluctantly voted against both sets of proposals, and pointed out that the instructions on the voting sheet might have been ambiguous as to the need to vote for both sets of proposals. Ng spoke positively about the modified proposals, saying they made an easier 'legal' solution to the problem.

Original references

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

excisus, *Pecten*, Bronn, 1831, *Italiens Tertiär-Gebilde und deren organische Einschlüsse*, p. 102.

Gigantopecten Rovereto, 1899, *Revue critique de Paléozoologie*, 3(2): 90.

Cossmann, 1914 in Cossmann, M. & Peyrot, A. 1914, *Actes de la Société Linnéenne de Bordeaux*: 68, p. 73.

latissima, *Ostrea*, Brocchi, 1814, *Conchiologia fossile subapennina con osservazioni geologiche sugli Appenini et sul suolo adiacente*, vol. 2, p. 101.

Lissochlamis Sacco, 1897, *Bollettino dei Musei di Zoologia ed Anatomia comparata della Reale Università di Torino*, 12(298): 102.

Lissochlamys Sacco, 1897, (30 December). *I molluschi dei terreni terziarii del Piemonte e della Liguria*, Parte 24, p. 46.

Macrochlamis Sacco, 1897, *Bollettino dei Musei di Zoologia ed Anatomia comparata della Reale Università di Torino*, 12(298): 101.

Macrochlamys Sacco, 1897, (30 December). *I molluschi dei terreni terziarii del Piemonte e della Liguria*, Parte 24, p. 32.